

DOCUMENTATION SHEET**NATIONAL
AEROSPACE
LABORATORIES**

Class : Restricted

No. of Copies : 3

Title : Development of a 7sq.m large PUF core panel for realization of Mark-II Radome for DWR

Author / s : T.H Samiullah, RMVGK Rao

Division : FRP Division

NAL Project No. : X- 0 -106

Document No. : PDRP 0312

Date of Issue : Jan 2003

Contents	1	Pages	6	Figures	2	Tables	--	Annexures: ---
-----------------	---	--------------	---	----------------	---	---------------	----	-----------------------

External Participation : Nil

Sponsor :

Approval : Head, FRP Division

Remarks : ---

Keywords: Mark II, Radome, DWR, PUF, EM

Abstract:

This report presents the Development of a 7sq.m large PUF core panel for realization of Mark-II Radome for DWR. After the succesfull development and installation of Mark-I Radome at Sriharikota (AP). The sponsors (ISTRAC-ISRO)were interested in develop the Mark -II radome.

The Mark-II radome had improved feature such as no. of panels and joint lengths were reduced with overall diameter remaining same. So that EM performance can be further improved without compromising on the structural strength.